

# REPORT ON MACHINERY.

N.Y. No. 14320

Received at London Office SAT 10 JAN 1918

REC'D NEW YORK Dec. 14-1917

Port of NEW YORK N.Y.

Writing Report

When handed in at Local Office

Date, First Survey Feb. 2<sup>nd</sup>

Last Survey

19

Survey held at SCHENECTADY N.Y. Date, First Survey Feb. 2<sup>nd</sup> Last Survey 19  
on the SKINNER EDDY N° 5. (Steel Screw Steamer "INDIANA") Builders Jmd N° 9 Tons { Gross  
Net

Built at By whom built When built  
By whom made GENERAL ELECTRIC COY. when made 1917

By whom made when made

Port belonging to

Is Refrigerating Machinery fitted for cargo purposes Is Electric Light fitted

Is Refrigerating Machinery fitted for cargo purposes No. of Turbines ONE

DESCRIPTION OF ENGINES GEARED TURBINES (TURBINE 12465 GEAR 2571) No. of Turbines ONE

Distance between Centres of Bearings H.S. PINION 28" H.S. GEAR 38 1/2" Diameter of Pitch Circle of Wheel L.S. PINION 10.75" L.S. WHEEL 34.75"

Distance between Centres of Bearings L.S. PINION 54 1/2" Diameter of Pitch Circle of Wheel L.S. PINION 10.75" L.S. WHEEL 34.75"

Diameter of Thrust Shaft under Collars as per rule as fitted Diameter of Propeller Pitch of Propeller

State whether Moveable Total Surface Diameter of Rotor Drum, H.P. L.P. Astern

Revs. per Minute at Full Power, Turbine 33 1/2 6 Propeller 90

ASTERN. NO. OF ROWS.

ACTIVE HEIGHT OF BLADES. 8.145" 1.5" 3.375" 2.2" 2.2" 2

H.P. DIAMETER AT TIP. 2.115" 3.19" 3.102" 4.10" 4.2" 1

NO. OF ROWS. 2 1 1 1 1

EXPANSION 7.5 - 1.25" 2.115" 3.19" 3.102" 4.10" 4.2" 1

and size of Feed pumps

and size of Bilge pumps

and size of Bilge suction in Engine Room In Holds, &c.

Bilge Injections sizes Connected to condenser, or to circulating pump Is a separate Donkey Suction fitted in Engine Room & size

Are the roses in Engine room always accessible

Are they Valves or Cocks

Are the Discharge Pipes above or below the deep water line

Are the Blow Off Cocks fitted with a spigot and brass covering plate

How are they protected

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SUPERHEATER. Type

Date of Approval of Plan

Tested by Hydraulic Pressure to

Date of Test

Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler

Diameter of Safety Valve

Pressure to which each is adjusted

Is Easing Gear fitted

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building  
During progress of work in shops --  
During erection on board vessel ---  
Total No. of visits

Feb. 2 Mar. 2.9 Aug. 24 Sep. 11.15

Is the approved plan of main boiler forwarded herewith

Dates of Examination of principal parts—Casings

Rotors

Blading

Gearing

Rotor shaft

Thrust shaft

Tunnel shafts

Screw shaft

Propeller

Stern tube

Steam pipes tested

Engine and boiler seatings

Engines holding down bolts

Completion of pumping arrangements

Boilers fixed

Engines tried under steam

Main boiler safety valves adjusted

Thickness of adjusting washers

Material and tensile strength of Rotor shaft STEEL 80,000 LBS. 7" MIN.

Identification Mark on Do. T.G.D.

Material and tensile strength of Pinion shaft " 100,000 LBS " "

Identification Mark on Do. T.G.D.

Material of Wheel shaft STEEL Identification Mark on Do. T.G.D.

Material of Thrust shaft

Identification Mark on Do.

Material of Tunnel shafts

Identification Marks on Do.

Material of Screw shafts

Identification Marks on Do.

Material of Steam Pipes

Test pressure

Is an installation fitted for burning oil fuel

Is the flash point of the oil to be used over 150°F.

Have the requirements of Section 49 of the Rules been complied with

Is this machinery a duplicate of a previous case

If so, state name of vessel

General Remarks

(State quality of workmanship, opinions as to class, &c.)

These engines have been constructed under special survey in accordance with the approved plans. The materials and workmanship are sound and good. The engines have been forwarded to Seattle Wash. to be fitted on board.

The amount of Entry Fee ... £

Special

Donkey Boiler Fee ... £

Travelling Expenses (if any) £

When applied for

19

When received

19

Engine Surveyor to Lloyd's Register of Shipping.

Committee's Minute

New York DEC 18 1917

Assigned

See Seattle Rpt.



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